

ABSTRACT OF THE DISCLOSURE

5 The present invention provides a human LEA motif protein (HuLEAP) and
polynucleotides which identify and encode HuLEAP. The invention also provides genetically
engineered expression vectors and host cells comprising the nucleic acid sequences encoding
HuLEAP and a method for producing HuLEAP. The invention also provides for agonists,
antibodies, or antagonists specifically binding HuLEAP, and their use, in the prevention and
10 treatment of diseases associated with expression of HuLEAP. Additionally, the invention
provides for the use of antisense molecules to polynucleotides encoding HuLEAP for the
treatment of diseases associated with the expression of HuLEAP. The invention also
provides diagnostic assays which utilize the polynucleotide, or fragments or the complement
thereof, and antibodies specifically binding HuLEAP.